Message

From: Brad Gentry [bgentry@iwmconsult.com]
Sent: 3/4/2019 11:58:27 PM
To: Bury, Carolyn [bury.carolyn@epa.gov]; Chris Parks [cparks@iwmconsult.com]; jbian@amphenol-aao.com
CC: Neal, Conor [Neal.Conor@epa.gov]; Sundar, Bhooma [sundar.bhooma@epa.gov]; Caudill, Motria [caudill.motria@epa.gov]
Subject: RE: Confidential - Status Update
Attachments: ATT00001.txt

Carolyn:

Good afternoon. Per your earlier request, the following information summarizes some of the plumbing repairs/sealing activities that we have completed over the last few months for the Former Amphenol Project:

1) Initial step is to conduct a pressurized plumbing leak test. It is pressurized with a vapor mist that exhibits a citrus odor.
2) If any mist or odor is observed, we will then initiate the appropriate repairs on the plumbing fixture. Some of the items where we have observed and repaired/modified plumbing leaks are as follows:
    i. Disconnected, old water softener lines that were never capped when taken out of service were venting to basements. We identified these lines and capped them accordingly.
    ii. Sewer line plumbing exhaust vents which initially only vented inside the structure's attic were rerouted to an area outside the structure
    iii. When vapor leaks were observed around toilet flanges, the flanges around toilets were replaced and the toilets were reset.
    iv. A portion of the main sewer line under the structure where an entry point for a bathtub drain on the main sewer line was found to be cracked and was no longer vapor tight. The cracked pipe was removed and replaced with a new PVC fitting and is now vapor tight.
    v. Sealed leaking sanitary lines where they enter the slab and at other joints.
    vi. Vapor leaks observed in unused toilets/shower drains where the p-traps were no longer filled with water. These drains were sealed with an expandable plug.
    vii. Sealed plumbing vents beneath sinks and at other interior locations within residences.
    viii. We had to locate the sewer lateral and install an exterior sewer cleanout on one priority residence in order to adequately pressurize the plumbing system under the residence.
3) Additional mitigation measures included the following:
    i. Sealing up sump pits with an appropriate sump lid and associated seals.
    ii. Sealing up any noticeable cracks or holes with concrete or polyurethane caulk.
    iii. Installing Dranjer plugs (allows water in, but does not allow vapor to emit out) in floor drains.
    iv. Sealing up unfinished walls with plywood and silicone caulk in an area where an interior room was in direct communication with a crawlspace.

I hope this provides you enough of a summary/overview of the different type of plumbing repairs and sealing activities that we have completed over the last few months. Please let me know if you have further questions or need anything else.

Sincerely,

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From: Bury, Carolyn <bury.carolyn@epa.gov>
Sent: Monday, March 04, 2019 10:15 AM
To: Chris Parks <cparks@iwmconsult.com>; jbian@amphenol-aao.com
Cc: Brad Gentry <bgentry@iwmconsult.com>; Neal, Conor <Neal.Conor@epa.gov>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>
Subject: RE: Confidential - Status Update

Thanks, Chris!
I may have some questions later today.
Carolyn

From: Chris Parks <cparks@iwmconsult.com>
Sent: Monday, March 04, 2019 9:05 AM
To: Bury, Carolyn <bury.carolyn@epa.gov>; jbian@amphenol-aao.com
Cc: Brad Gentry <bgentry@iwmconsult.com>; Neal, Conor <Neal.Conor@epa.gov>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Caudill, Motria <caudill.motria@epa.gov>
Subject: Confidential - Status Update

Carolyn,

I wanted to give you an update of the activities we completed last week:

Off-site primary soil borings – completed DSB-1 thru DSB-47 (Monday-Thursday)
Temporary well borings advanced – completed TW-15 thru TW-23 – (Thursday-Friday)
Temporary wells installed – completed TW-15s/15d, 16s/16d, 17s/17d, 18s/18d, and 19s/19d (Friday)
Indoor Air Sampling – PR #24 (Wednesday/Thursday)
Indoor Air Sampling – PR #36 (Thursday/Friday)
Plumbing Repairs – PR #20 (Wednesday thru Friday)

Scheduled for this week:

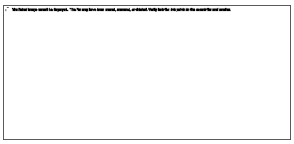
Temporary well boring and well installation – TW-26 thru TW-31 – (Monday)
Temporary well installation – TW-20 thru TW-23 – (Tuesday AM)
On-site primary borings (Tuesday PM- Wednesday AM)
Secondary borings, if required (Wednesday PM thru Friday)
Low-Flow Groundwater Sampling (Tuesday thru Friday)
Indoor Air Sampling – PR #15 (Tuesday/Wednesday)
Plumbing Repairs – PR #20 (Monday)

We are trying to get other PR's scheduled for Indoor Air Sampling as well.

We still have not received access to the Duke Energy Property along Hurricane Creek – however, they have indicated that they will grant access. TW-24 and TW-25 will be installed on that property upon receipt of access.

Additionally, we are currently working on preparing the draft soil tables for review.

Thanks,
Chris



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